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CVE-2026-35233



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CVE Details

Release Date: 2026-04-28

Impact: Moderate [What is this?](#)

Description

An unprivileged attacker can craft a user-space process with a malicious ELF binary containing an out-of-range `sh_link` field. When root-level `dtrace` attaches to `--` or instruments `--` that process (via `dtrace -p`, `pid` probes, or `USDT`), the ELF parser reads heap memory beyond the allocated section cache array without any bounds check. This results in an uninitialized/out-of-bounds heap read that can cause a `NULL` pointer dereference crash of the `dtrace` process (DoS), or `--` depending on heap layout `--` a read-then-use of a garbage pointer controlled by adjacent allocations, providing a foothold toward further exploitation in a privileged context. Credit: Vishal Panchani

See more information about CVE-2026-35233 from [MITRE CVE dictionary](#) and [NIST NVD](#)

NOTE: The following CVSS metrics and score provided are preliminary and subject to review.

CVSS v3 metrics

Base Score:	4.4
Vector String:	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:L/A:L
Version:	3.1
Attack Vector:	Local
Attack Complexity:	Low
Privileges Required:	Low
User Interaction:	None
Scope:	Unchanged
Confidentiality Impact:	None
Integrity Impact:	Low

Availability Impact: Low

Errata information

Platform	Errata	Release Date
Oracle Linux version 10 (dtrace)	ELSA-2026-50249	2026-04-30
Oracle Linux version 8 (dtrace)	ELSA-2026-50250	2026-04-30
Oracle Linux version 8 (dtrace)	ELSA-2026-50251	2026-04-30
Oracle Linux version 9 (dtrace)	ELSA-2026-50249	2026-04-30
Oracle Linux version 9 (dtrace)	ELSA-2026-50250	2026-04-30

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